

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of)
)
KAWATO et al.)
)
Serial Number: To be assigned)
)
Filed: Concurrently herewith)
)
For: DIFFERENTIAL DETECTION READ SENSOR, THIN)
FILM HEAD FOR PERPENDICULAR MAGNETIC)
RECORDING AND PERPENDICULAR MAGNETIC)
RECORDING APPARATUS)
)
Attorney Docket No. NITT.0157)

Honorable Assistant Commissioner
for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

The above-referenced application is a Continuation of U.S. Serial No. 09/941,795, filed on August 30, 2001. It includes the same disclosure as U.S. patent application Serial No. 09/941,795.

It is understood that the listed references will be considered in the examination of the application and that no separate copies of the same prior art are required to be provided since they were previously cited or transmitted in the foregoing prior application under 37 CFR Section 1.98(d). Form(s) PTO 1449 is enclosed listing references cited by the Examining Attorney and submitted by applicant in the prior applications.

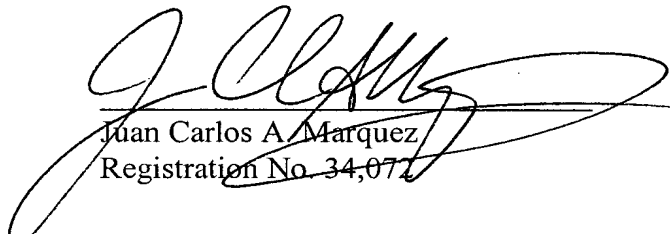
This Information Disclosure Statement is submitted with the above-captioned U.S. Continuation application. Accordingly, no fee is due or payable at this time.

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Please charge any additional fees or credit any overpayments in connection with this paper to Deposit Account No. 08-1480.

Respectfully submitted,

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Form PTO 1449	ATTY. DOCKET NUMBER NITT.0157	SERIAL NUMBER To Be Assigned
U.S. Department of Commerce Patent and Trademark Office	APPLICANT KAWATO	
Information Disclosure Statement by Applicant	FILING DATE Concurrently Herewith	GROUP

U.S. Patent Documents

Examiner Initial	Cited By Examiner in Parent	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	X	5,859,753	1/12/1999	Ohtsuka et al			12/16/96
	X	6,128,166	10/3/2000	Tanaka et al.			5/18/95
	X	6,185,079 B1	2/6/2001	Gill			11/9/98
	X	6,392,849 B2	5/21/2002	Maruyama et al.			2/22/2001
	X	6,462,917 B2	10/8/2002	Terunuma et al			1/31/2001
	X	6,469,926 B1	10/22/2002	Chen			3/22/2000

Foreign Patent Documents

Examiner Initial	Filed in Parent	DOCUMENT NUMBER	FILING DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO
	X	10-334422	05-29-97	Japan			Abstract	X
	X	2002-163807	10/09/01	Japan			Abstract	X
	X	WO 97/44781	5/20/97	PCT			Abstract	X

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

	Filed in Parent	
	X	Shun-ichi Iwasaki, "Perpendicular Magnetic Recording - Evolution and future", IEEE Transactions on Magnetism, Vol. Mag-20, No. 5, September 1984, pp. 657-662
	X	R.S. Indeck, J. H. Judy, and S. Iwasaki, "A Magnetoresistive Gradiometer", IEEE Transactions on Magnetism, Vol. 24, No. 6, November 1988, pp. 2617-2619
	X	H.S. Gill, V.W. Hesterman, G.J. Tarnopolsky and L. T. Tran, P.D. Frank, H. Hamilton, "A Magnetoresistive Gradiometer for Detection of Perpendicularly Recorded Magnetic Transitions", J. Appl. Phys. 65 (1), 1 January 1989, pp. 402-404

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant